Silane, dimethyl(dimethyl(2-methylbutoxy)silyloxy)pentyl

Inchi: InChI=1S/C14H34O3Si2/c1-8-10-11-12-15-18(4,5)17-19(6,7)16-13-14(3)9-2/h14H,8-13H

InchiKey: OWXSMBCHAXJTLK-UHFFFAOYSA-N

Formula: C14H34O3Si2

SMILES: CCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)CC

Mol. weight [g/mol]: 306.59

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	4.676		Crippen Method
rinpol	1393.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347010&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices